P-20 Coordinating Council

Statewide Longitudinal Data Systems
Task Force Meeting
March 11, 2010

Call to Order
Welcome
Introductions

Cathleen Barton
Task Force Chair

Office of Governor Janice K. Brewer

P-20 Coordinating Council

Statewide Longitudinal Data Systems
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March 11, 2010

Update and Discussion: National Student Clearing House – Student Tracker

Dan Anderson
Donald Houde
Paul Neuman
Miguel Corzo

Update and Discussion: National Student Clearing House – Student Tracker

REPORT OF INITIAL SCHOOL OF ENROLLMENT
SAMPLE CENTRAL HIGH SCHOOL
Date of Report: December 1, 2007

	Year of High School Graduation						
	2002	2003	2004	2005	2006	2007	Total
Total # High School Graduates	400	420	435	455	480	500	2690
Total College Enrolled	248	265	283	305	326	350	1777
% of High School Graduates	62.0%	63.0%	65.0%	67.0%	68.0%	70.0%	66.0%
By College Type:							
Less Than 2 Year	12	13	14	15	16	18	89
2 Yr. Public	41	42	47	51	53	57	291
2 Yr. Private	9	11	10	10	12	13	65
4 Yr. Public	149	159	170	183	196	210	1066
4 Yr. Private	37	40	42	46	49	53	266
By Enrollment Status:							
Full-Time	159	169	181	195	209	224	1137
Half-Time	77	82	88	95	101	109	551
Less Than Half-Time	12	13	14	15	16	18	89
By Location:							
In-State	186	198	212	229	245	263	1332
Out-of-State	62	66	71	76	82	88	444
Top Schools:							
1 Finest State University	47	50	54	58	62	67	338
2 Community College of the County	35	37	40	43	46	49	249
3 Learned College	20	21	23	24	26	28	142
4 City Community College	10	11	12	12	13	14	73
5 University of Knowledge	10	11	11	12	13	14	71
6 University of Books	9	10	11	12	12	13	68
7 Studious University	9	9	10	11	11	12	62
8 City Institute of Technology	7	7	8	9	9	10	50
9 Library College	6	7	7	8	8	9	44
10 Great State University	5	5	6	6	7	7	36

…etc.

Note: This report reflects students' first-time enrollment in postsecondary institutions after graduation from high school.

Update and Discussion: National Student Clearing House – Student Tracker

REPORT OF CURRENT SCHOOL OF ENROLLMENT
SAMPLE CENTRAL HIGH SCHOOL
Date of Report: December 1, 2007

	Year of High School Graduation						
	2002	2003	2004	2005	2006	2007	Total
Total # High School Graduates	400	420	435	455	480	500	2690
Total College Enrolled	37	105	166	198	240	350	1097
% of High School Graduates	9%	25%	38%	44%	50%	70%	41%
By College Type:							
Less Than 2 Year	0	0	1	4	5	18	28
2 Yr. Public	3	8	10	13	24	58	116
2 Yr. Private	1	2	2	5	10	12	32
4 Yr. Public	30	79	119	137	157	210	732
4 Yr. Private	4	16	34	39	44	53	189
By Enrollment Status:							
Full-Time	24	67	106	127	154	224	702
Half-Time	12	33	51	61	74	109	340
Less Than Half-Time	2	5	8	10	12	18	55
By Location:							
In-State	28	79	124	149	180	263	822
Out-of-State	9	26	41	50	60	88	274
Top Schools:							
1 Finest State University	9	25	38	44	50	67	233
2 Community College of the County	3	7	8	15	30	49	112
3 Learned College	2	8	18	21	23	28	100
4 University of Knowledge	2	5	8	9	10	14	48
5 University of Books	2	5	7	8	10	13	45
6 Studious University	2	5	7	8	9	12	43
7 City Community College	1	2	2	4	8	14	31
8 Library College	1	3	6	7	7	9	33
9 Great State University	1	2	2	3	3	7	18
10 City Institute of Technology	0	0	1	2	3	10	16
…etc.							

Note: This report reflects students' enrollment in postsecondary institutions as of the date of this report.

Update and Discussion: National Student Clearing House – Student Tracker

GRADUATION REPORT
SAMPLE CENTRAL HIGH SCHOOL
Date of Report: December 1, 2007

	Year of High School Graduation						
	2002	2003	2004	2005	2006	2007	Total
Total # High School Graduates	400	420	435	455	480	500	2,690
Total College Graduates	133	137	84	26	24	10	413
% of High School Graduates	33.3%	32.6%	19.3%	5.7%	4.9%	2.0%	15.4%
By College Type:							
Less Than 2 Year	8	9	9	10	11	10	56
2 Yr. Public	9	10	11	14	12	0	56
2 Yr. Private	1	1	2	2	1	0	7
4 Yr. Public	88	89	40	0	0	0	217
4 Yr. Private	27	28	22	0	0	0	77
By Location:							
In-State	100	103	63	23	21	9	319
Out-of-State	33	34	21	3	2	1	94
Top Schools:							
1 Finest State University	27	28	13	0	0	0	68
2 Community College of the County	8	9	11	15	13	0	56
3 City Institute of Technology	7	8	8	9	10	9	51
4 Learned College	18	18	8	0	0	0	44
5 University of Knowledge	6	6	2	0	0	0	14
6 University of Books	6	6	2	0	0	0	14
7 City Community College	2	2	2	4	3	0	13
8 Studious University	3	3	1	0	0	0	7
9 Library College	1	1	1	0	0	0	3
10 Great State University	0	0	0	0	0	0	0
…etc.							

Note: This report reflects students' most recent graduation from a postsecondary institution as of the date of the report.

Update and Discussion: National Student Clearing House – Student Tracker

STUDENT DETAIL DATA SAMPLE*
SAMPLE CENTRAL HIGH SCHOOL

Your Unique ID	First	Mid	Last	Suf.	Requestor Return Field	Record Found	High School Code	High School Grad Date	College Code	College Name	College State	2/4 Year	Public/ Private	Period of Enrollment		Enroll Status	Grad?	Grad Date	Degree Title	Major
9876543210	SUSAN	M	SMART		CBA321	Y	100001	20020501	222222-00	LOCAL COMMUNITY COLI	NY	2	Public	20020823	20021215	F	N			
9876543210	SUSAN	M	SMART		CBA321	Y	100001	20020501	222222-00	LOCAL COMMUNITY COLI	NY	2	Public	20030118	20030510	F	N			
9876543210	SUSAN	M	SMART		CBA321	Y	100001	20020501	222222-00	LOCAL COMMUNITY COLI	NY	2	Public	20030828	20031220	F	N			
9876543210	SUSAN	M	SMART		CBA321	Y	100001	20020501	222222-00	LOCAL COMMUNITY COLI	NY	2	Public	20040122	20040516	F	N			
9876543210	SUSAN	M	SMART		CBA321	Y	100001	20020501	654321-00	LEARNED COLLEGE	CT	4	Private	20040827	20041219	H	N			
9876543210	SUSAN	M	SMART		CBA321	Y	100001	20020501	654321-00	LEARNED COLLEGE	CT	4	Private	20050122	20050515	H	N			
9876543210	SUSAN	M	SMART		CBA321	Y	100001	20020501	654321-00	LEARNED COLLEGE	CT	4	Private	20050826	20051218	H	N			
9876543210	SUSAN	M	SMART		CBA321	Y	100001	20020501	654321-00	LEARNED COLLEGE	CT	4	Private	20060121	20060514	F	N			
9876543210	SUSAN	M	SMART		CBA321	Y	100001	20020501	654321-00	LEARNED COLLEGE	CT	4	Private	20060825	20061217	F	N			
9876543210	SUSAN	M	SMART		CBA321	Y	100001	20020501	654321-00	LEARNED COLLEGE	CT	4	Private	20070120	20070515	F	Y	20070515	BA	HISTORY
5675675675	NANCY	P	SMITH		MNO678	Y	100001	20030501	011462-00	CITY INSTITUTE OF TECH	TX	4	Private	20030901	20031231	F	N			
5675675675	NANCY	P	SMITH		MNO678	Y	100001	20030501	011462-00	CITY INSTITUTE OF TECH	TX	4	Private	20030901	20031231	W	N			
1029384757	FRANK	Z	JONES		BLA729	N	100001	20040515												

NOTE: The three examples above are of students who exhibit the following characteristics:
1. *Susan Smart enrolled in college and persisted through graduation.*
2. *Nancy Smith enrolled in college and withdrew before graduating.*
3. *Frank Jones did not enroll in a college that participates in the Clearinghouse.*

This worksheet offers a sample of the student-level detail data that you will receive electronically from the Clearinghouse.

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Update and Discussion: SFSF Grant Application

Debra Raeder

P-20 Longitudinal Data Collection

What we must do to ensure that progress is being made:

Ensure that the state's system includes all 12 data elements outlined in federal law (student i.d., teacher i.d, transcripts, demographic information, etc)

Ensure that the State provides teachers with AIMS data and reports of individual teacher impact on student achievement.

Ensure that the State provides student growth data to teachers in a timely manner and informs instructional programs.

Implementation of all 12 data elements specified by the America Competes Act

1 A unique statewide student identifier that does not permit a student to be individually identified by users of the system

2 Student-level enrollment, demographic, and program participation information

3 Student-level information about the points at which students exit, transfer in, transfer out, drop out, or complete P–16 education programs

4 The capacity to communicate with higher education data systems

5 A State data audit system assessing data quality, validity, and reliability

6 Yearly test records of individual students with respect to assessments under section 1111(b) of the ESEA (20 U.S.C. 6311(b))

7 Information on students not tested by grade and subject

8 A teacher identifier system with the ability to match teachers to students

9 Student-level transcript information, including information on courses completed and grades earned

10 Student-level college readiness test scores

11 Information regarding the extent to which students transition successfully from secondary school to postsecondary education, including whether students enroll in remedial coursework

12 Other information determined necessary to address alignment and adequate preparation for success in postsecondary education

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Update and Discussion
Governance Structure

Cathleen Barton
Donald Houde

Governance Structure

Subtask 1: Create Data Governance Organization

4.1.1 Establish a data governance board that will represent all stakeholders (universities, LEAs, county superintendents, state universities, community colleges, state agencies and BIE, etc.), set and approve guidelines related to managed data access, privacy and security, adequacy of training and data model implementation, prioritization of funding opportunities recommended by governance support groups, and resolve data conflicts.

4.1.2 Establish a technology governance support group to provide recommendations on spending priorities of this grant award. It will also provide analysis and recommendations for: controlling data confidentiality and data security for stored data and data-in-flight (in transmission state); access privileges (who can see what) and access management (granting and denying); data audit management including data quality metrics, sanctions and incentives for data quality improvement; data standards for both stored and in-flight data, including definition, format, source, provenance, element level and contextual integrity rules; documentation standards for data elements (data dictionary) and systems components; data archival and retrieval management system, along with change control and change tracking. If AEDW technology does not successfully support a critical requirement, the governance group will provide an analytic recommendation.

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Status Update
SLDS Grant Application

Donald Houde

Five areas of focus in proposed SLDS plan

1

Expansion of data collection processes to provide entry to exit education management[1]
- Collect new data & provide collection tools
  - Student-teacher link, courses, completion, concurrent college courses
  - Preschool data, incl. Head Starts, DHS Licenses, teachers, students
  - Mobile student enhanced tracking (migrant, secure care, military, inter-state, tribal)
  - Interstate data exchanges
- Re-create and re-architect data collection systems
  - EduAccess Expansion
  - Master Data Management
  - Educational funding systems
  - Student data management
- Create educational support systems
  - Statewide Student Information System (SIS) option for LEAs
- Technology Assisted Student Assessment and Education Career Action Plan (ECAP)
  - Assist teachers in monitoring student progress.
  - Link each student's interests, talents, etc., to academic planning & progress toward career lifelong goals.
- Complete school safety, discipline & non-violence intervention solution.
  - Perform audit study to assess the accuracy & reliability of data captured in AzSafe
  - Assess climate & safety at the school level from a school community perspective
  - PD & technical assistance to LEAs
  - System enhancements

2

Improve and Support Student & School Performance based upon Lifelong Measures
- Post secondary success measures and evaluation integration.
- Colorado Growth Model adoption and Support
- Workforce success measure integration.
- Secure Care success measure integration
- BIE/Native American success measure integration

3

Expansion of the Arizona Education Data Warehouse (AEDW)
- AEDW data transformations to match data structure changes
- Incorporate new data from outcomes 1 & 2
- Incorporate post secondary student data
- Portal enhancement

4

Establish data governance, training, communications organization[2]
- Data capture & submission stand
- Data use governance
- Intra & inter-agency SLDS committee
- SLDS & data submission standards training

5

Expand Technology Infrastructure
- Technology, tools, infrastructure and support for new systems
- Expand DW technology infrastructure
- Expand ADE technology infrastructure
- Provide tools and support to LEAs

1. Includes/requires development of governance policies and management structures for Early Childhood, Post Secondary, Education Entities; funding for local education agency (LEA) system enhancements; interstate data collaboration; work in partnership with the CCSSO LEARN, NCES and SHIO initiatives; and operational and Infrastructure enhancements
2. This organization has to also enhance stakeholder engagement and monitor and manage training remediation needs

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Additional Questions and Comments

Task Force Members

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**Call to the Public
Adjournment**

**Cathleen Barton
Task Force Chair**